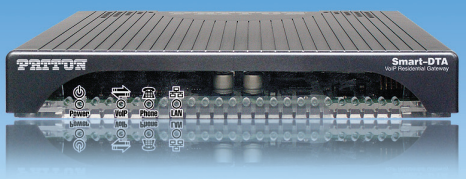
VoIP



Smart-DTA Residential Digital Telephone Adapter

Model S-DTA

The Patton S-DTA brings all advantages of VoIP to ISDN users. It connects multiple terminals to its BRI So bus, and converts 2 concurrent voice or fax calls to SIP or H.323 —at an incredibly low price.

Instant ISDN to VoIP Connectivity

Provides one internally powered So bus for up to 8 terminals. Simultaneously converts 2 voice and fax calls to VoIP.

Transparent Telephony Features

Preserves ISDN features like caller ID and name (CLIP/CLIR), call transfer, hold, waiting, charging information (AOC) and much more.

Outstanding Interoperability

Interoperable for voice and fax calls with a wide variety of ISDN terminals, PBXs, as well as SIP and H.323 soft switches and application servers.

Full SIP and T.38 support

Complete range of industry standard signaling protocols supported: SIPv2, H.323v4, MGCP/IUA, ISDN, BRI, T.38, fax and modem bypass, DTMF relay.

Integrated Management and Provisioning

Web GUI for easy end-user setup, fully automated provisioning system and SNMP management for mass deployment.

The SmartNode 4900 is the ideal solution for service providers and enterprises requiring high-density analog connections for converged Internet-Telephony. Call centers, multi-tenant-units and PBX/switch extensions can now access the low-cost benefits of packet voice while WAN, data and VPN features permit direct access the IP network with full upstream and DownStream QoS™.

The SN4900 supports 12 to 32 simultaneous VoIP calls over standard two-wire FXS connections. The analog ports are presented on a single Amphenol telco connector for convenient wiring closet connection. Local LAN connectivity is presented via dual 10/100 Ethernet ports. Traffic can be routed out either port for load-balancing and redundancy. Dual-redundant power supplies protect against equipment down-time.

Seamless and secure network integration with fixed IP, DHCP or PPPoE. Complete access routing features include NAT/NAPT, Firewall, DynDNS and the optional IPsec VPN feature license offer secure data.

Optional WAN uplink modules, available in V.35/X.21, T1/E1, and xDSL options, eliminate the need for extra network termination devices and extra cost.

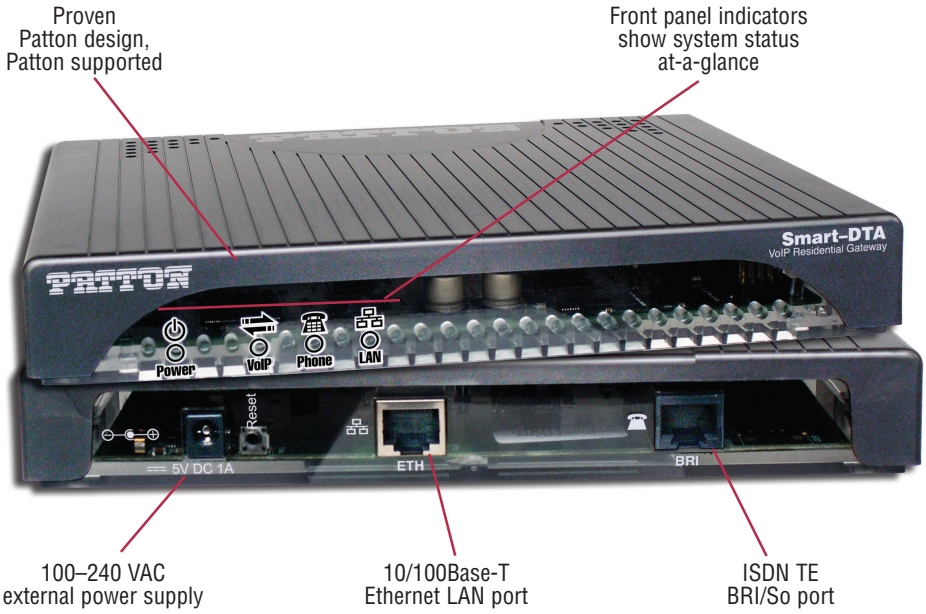
Quality of Service (QoS) features included advanced voice prioritization and traffic management. DownStreamQoS™ ensures voice without interruptions even over best-effort internet connections. Packet labeling according to 802.1p, TOS and DiffServ enable integration into managed QoS networks.

GET YOUR ADVANCE SHIP 5 YEARS ENHANCED WARRANTY

Special Rates Available Call for Details

Integrated GUI and Command Line, front panel status and call load indicators and a full suite of management interfaces ensure efficient setup, continuous trouble-free operation and cost-effective deployment.

Visit www.patton.com for more information.



PATTON®

Network Integration

Patton's Smart Digital Telephony Adapter provides seamless access to Internet telephony services for ISDN terminals. The S-DTA connects to any LAN or broadband access provider via modem.

Specifications*

WAN Connectivity
10/100Base-T Ethernet WAN • Auto-MDI-X • DHCP Client • PPPoE Client (multi-session) • SNTP • IP Multi-Netting

IP Quality of Service
IEEE 802.1p, TOS, DiffServ Labeling • IEEE 802.1Q, VLAN Tag insertion/deletion (4,096 VLANs)

Management
Web-based GUI • Fully documented CLI • Telnet and HTTP access • TFTP configuration up- and download • TFTP firmware upgrade • SNMPv1 agent, MIB II and enterprise MIB • Built-in diagnostic tools • Auto-Provisioning—Configuration and Firmware

Fax and Modem Support
T.38 fax over IP • Fax relay and bypass • Modem bypass

ISDN Specification
1 port Euro-ISDN BRI/So RJ-45, NT • DSS-1, Q.921, Q.931 • Point-to-point & point-to-multipoint • Line power for ISDN terminals

Voice Signaling
SIPv2 • H.323v4 • MGCP/IUA • SIP call transfer, redirect • Overlap or en-bloc dialing • DTMF in-band & out-of-band • Configurable call progress tones

Call Routing & Services: Regular expression number matching • Regular expression number manipulation • Least Cost Routing • Number blocking • Short-Dialing • Digit collection • Distribution-Groups & Hunt-Groups • 2nd call offering

Voice Processing
G.723.1 (5.3/6.3 kbps) • G.729, G.729a, G.729ab (8 kbps) • G.726 ADPCM (16, 24, 32, 40 kbps) • G.168 echo cancellation (25 ms) • Transparent ISDN data • Silence suppression and comfort noise • Adaptive and configurable dejitter buffer • Configurable packet length

Dimensions
4.2W x 1.5H x 5.0D in.
(10.6W x 3.9H x 12.7D cm)

Weight
< 15.9 oz (450 g)

Power Consumption
< 4W

Operating Temperature
32–104°F (0–40°C)

Humidity
Up to 90%, non condensing

Compliance
FCC Part 15 Class B (US EMC) • CE per RTTE 99/5/EC (EMC and LVD) • Safety—EN60950 • TBR-3 (ISDN BRI/So)

Ordering Information

S-DTA/P/EUI: ISDN VoIP adapter, 1x BRI/So, 2 voice/fax calls, 1x 10/100 Ethernet, external UI power (100–240 VAC)

* Specifications subject to change without notice.

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